

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	06-00096-00-LS	MADISON	10	1
STA. — TO STA. —				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				
COVER SHEET AND LIST OF STANDARDS				
CONTRACT NO. 97315				

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	SUMMARY OF QUANTITIES / GENERAL NOTES
3	SCHEDULE OF QUANTITIES
4	PLAN
5-7	INTERSECTION DETAILS
8	GENERAL DETAILS
9	ELECTRICAL PLAN VIEW
10	ELECTRICAL DETAILS

STANDARDS

- 000001-04
- 424001-04
- 604001-02
- 606001-03
- 701502-01
- 701801-03
- 702001-06

LIST OF UTILITIES

A.T.&T. (TELEPHONE)
203 GEOTHE STREET
COLLINSVILLE, IL 62234
(618) 346-6400

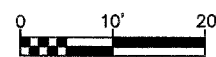
CHARTER COMMUNICATIONS (CABLE TV)
210 WEST DIVISION STREET
MARYVILLE, IL 62062
(618) 346-8121

CITY OF EDWARDSVILLE (WATER & SEWER)
118 HILLSBORO AVENUE
EDWARDSVILLE, IL 62025
(618) 692-7535

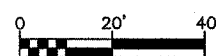
AMEREN IP (GAS & ELECTRIC)
2600 NORTH CENTER
MARYVILLE, IL 62062
(618) 346-1287



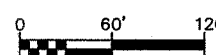
GRAPHIC SCALE
1" = 5'



GRAPHIC SCALE
1" = 10'



GRAPHIC SCALE
1" = 20'



GRAPHIC SCALE
1" = 60'

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATING INFORMATION FOR EXCAVATIONS PHONE: 800-892-0123

ROADWAY DESIGNATION: PRINCIPAL ARTERIAL
CURRENT TRAFFIC (2005) = 13,000 ADT

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED

F.A.P. ROUTE 592 - ST. LOUIS STREET STREETScape
SECTION 06-00096-00-LS
PROJECT NO. TE-00D8 (111)
JOB NO. C-98-302-07
CITY OF EDWARDSVILLE
MADISON COUNTY, ILLINOIS

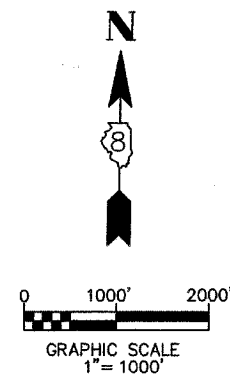
SCALE IN FEET

PLAN	1" = 60'
INTERSECTION DETAILS	1" = 5'
ELECTRICAL PLAN	1" = 40'



ST. LOUIS STREET
SECTION BEGINS @ STA. 10+40

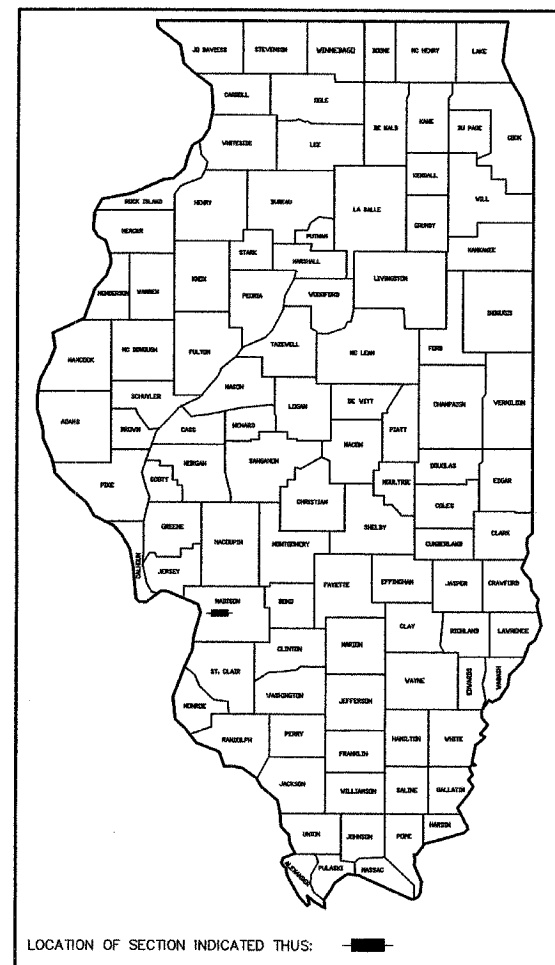
ST. LOUIS STREET
SECTION ENDS @ STA. 23+05



LOCATION MAP

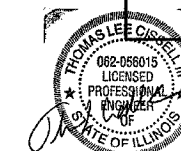
SCALE: 1" = 1,000'

NET LENGTH OF PROJECT
ST. LOUIS STREET = 1,265 FEET (0.240 MILES)



LOCATION OF SECTION INDICATED THUS: [Black Rectangle]

ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	<i>Gary Niebur</i> June 1, 2007 GARY NIEBUR, MAYOR
PASSED	<i>June 5</i> 2007 DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS
RELEASED FOR BID BASED ON LIMITED REVIEW	<i>June 5</i> 2007 <i>Wm. C. Janicek</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER



EXPIRES 11/30/07 *Thomas L. Cissell, III* DATE: 6/1/07
THOMAS L. CISSSELL, III
P.E. NO. 62-56015



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	06-00096-00-LS	MADISON	10	2
STA.	TO STA.			
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT		
SUMMARY OF QUANTITIES / GENERAL NOTES				

CONTRACT NO. 97315

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITIES
25000920	SEEDING, CLASS 1A (SPECIAL)	ACRE	0.4
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	100
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	19
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	261
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	5,764
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	482
42400800	DETECTABLE WARNINGS	SQ FT	98
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	201
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	249
44000300	CURB REMOVAL	FOOT	269
44000600	SIDEWALK REMOVAL	SQ FT	7,043
60600605	CONCRETE CURB, TYPE B	FOOT	273
67100100	MOBILIZATION	L SUM	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	53
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	342
78300100	PAVEMENT MARKING REMOVAL	SQ FT	27
80300100	LOCATING UNDERGROUND CABLE	FOOT	100
80400105	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	1
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	100
81021320	CONDUIT PUSHED, 1 1/2" DIA., PVC	FOOT	1,900
81400105	HANDHOLE (SPECIAL)	EACH	24
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	5,700
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	4,800
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	5,300
81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	1,500
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	100
XX004818	SINGLE STREET LIGHT AND POLE	EACH	23

* SPECIALTY ITEMS

GENERAL NOTES

- THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) HIGHWAY STANDARDS WITH THE REVISION NUMBER LISTED ON THE COVER SHEET OF THE PLANS SHALL APPLY TO THIS PROJECT.
- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEIR LOCATIONS MUST BE CONSIDERED TO BE APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123 AND PROVIDING 48 HOURS ADVANCE NOTICE. NON-J.U.L.I.E. MEMBERS MAY BE CONTACTED DIRECT. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS ARE LISTED BELOW.
 - A.T.&T. (TELEPHONE)
203 GOETHE STREET
COLLINSVILLE, IL 62234
(618) 346-6400
 - CHARTER COMMUNICATIONS (CABLE TV)
210 WEST DIVISION STREET
MARYVILLE, IL 62062
(618) 345-8121
 - CITY OF EDWARDSVILLE (WATER & SEWER)
118 HILLSBORO AVENUE
EDWARDSVILLE, IL 62025
(618) 692-7535
 - AMEREN IP (GAS & ELECTRIC)
2600 NORTH CENTER
MARYVILLE, IL 62062
(618) 346-1287
- ANY FACILITIES OR APPURTENANCES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER. ALL ROADSIDE OBJECTS (UTILITY POLES, FIRE HYDRANTS, SIGNS, ETC.) SHALL BE RELOCATED TO PROVIDE A MINIMUM OF 2 FEET CLEARANCE, MEASURED FROM THE FACE OF CURB TO THE NEAR EDGE OF THE OBJECT.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

- THE ABOVE INFORMATION REPRESENTS THE BEST INFORMATION AVAILABLE TO THE LOCAL AGENCY AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS TAKEN THE FOREGOING INTO CONSIDERATION IN PREPARING HIS/HER BID, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS OR INCONVENIENCE CAUSED BY SAME.

- THE CONTRACTOR SHALL REMOVE, MAINTAIN IN A TEMPORARY LOCATION AND PERMANENTLY RESET ALL MAILBOXES, TRAFFIC SIGNS, STREET NAME SIGNS AND ALL PRIVATE AND COMMERCIAL SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS ACCORDING TO ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AND AS DIRECTED BY THE ENGINEER. THE COST OF THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS ITEMS OF WORK INVOLVED.
- THE CONTRACTOR SHALL PROVIDE BLOCKOUTS IN THE PROPOSED SIDEWALK FOR PLACEMENT OF SIGN POSTS AND MAILBOX SUPPORTS, AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CONFINE ALL OPERATIONS TO THE AREA LOCATED WITHIN THE EXISTING RIGHT-OF-WAY. ANY AREA DISTURBED BEYOND THE EXISTING RIGHT-OF-WAY SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL EARTH SURFACES DISTURBED BY CONSTRUCTION. SEE THE SEEDING SCHEDULE FOR ESTIMATED PLAN QUANTITIES.
- FULL DEPTH SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM INVOLVED ACCORDING TO SECTION 440 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
- SEE THE SPECIAL PROVISIONS FOR OTHER INCIDENTAL CONSTRUCTION ITEMS AND OPERATIONS WHICH ARE TO BE INCLUDED WITH AND PAID FOR UNDER CERTAIN SPECIFICATION PAY ITEMS.
- THE FOLLOWING ITEMS AND APPROXIMATE QUANTITIES ARE INCLUDED IN THE "SCHEDULE OF PRICES" IN ORDER TO ESTABLISH A UNIT COST FOR WORK WHICH MAY BE REQUIRED TO CONSTRUCT THIS SECTION. THE ACTUAL QUANTITY OF EACH ITEM SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

AGGREGATE FOR TEMPORARY ACCESS	100	TON
LOCATING UNDERGROUND CABLE	100	FOOT
TRENCH & BACKFILL FOR ELECTRICAL WORK	100	FOOT
- THE FOLLOWING SYMBOLS, ABBREVIATIONS AND PATTERNS SUPPLEMENT OR SUPERCEDE HIGHWAY STANDARD 000001:

BO	BY OTHERS (USED IN CONJUNCTION WITH TBA & TBR)
CONSTR	CONSTRUCTION
N/F	NOW OR FORMERLY
O/C	OIL AND CHIP
TBA	TO BE ADJUSTED
TYP	TYPICAL
W	WIDTH

CURB SCHEDULE

STATION	STATION	OFFSET	CURB REM 44000300 (FOOT)	CONC CURB TB 60600605 (FOOT)
11+21	11+33	LT	12	12
13+95	14+22	RT	38	38
13+97	14+04	LT	15	15
14+32	14+49	LT	22	22
14+46	14+54	RT	12	12
15+69	15+80	LT	11	11
16+01	16+06	LT	7	7
16+17	16+23	RT	6	6
18+63	18+86	RT	23	23
19+13	19+19	LT	13	13
19+15	19+33	RT	36	39
19+45	19+47	LT	7	7
19+59	19+79	RT	32	33
20+21	20+31	RT	10	10
21+99	22+02	RT	2	2
22+91	23+01	RT	23	23
TOTAL			269	273

ENTRANCE SCHEDULE

STATION (NOTE 1)	OFFSET	ENTRANCE TYPE P.E./C.E.	ENTRANCE WIDTH "W" (NOTE 1) (FOOT)	EXISTING SURFACE TYPE	PCC DRIVEWAY PAVT 6 (NOTE 2) 42300200 (SQ YD)	DRIVEWAY PAVEMENT REM 44000200 (SQ YD)
12+27 & 12+47	RT	C.E.	32	CONC	45	33
12+81	LT	P.E.	10	CONC	14	14
13+77	RT	C.E.	27	CONC	37	37
16+72	LT	C.E.	34	CONC	44	44
17+18	LT	C.E.	38	CONC	51	51
18+16	LT	C.E.	34	CONC	47	47
18+78	LT	C.E.	25	CONC	23	23
TOTAL					261	249

ENTRANCE NOTES:

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT EACH PROPERTY AND VERIFY THE LOCATION AND WIDTH OF ALL ENTRANCES.
- DEPRESSED CURB AND GUTTER THROUGH ENTRANCES SHALL BE MEASURED FOR PAYMENT AS PCC DRIVEWAY PAVT 6 (SQ YD).

PAVEMENT SCHEDULE

STATION	STATION	OFFSET	INCIDENTAL HMA SURF (NOTE 1) 40800050 (TON)	HMA SURF REM 1 1/2 44000155 (SQ YD)
13+84	14+49	LT	7	78
19+03	19+59	LT	5	50
19+15	19+73	RT	7	73
TOTAL			19	201

PAVEMENT NOTES:

- INCIDENTAL HOT-MIX ASPHALT SURFACING QUANTITY IS CALCULATED AT A RATE OF 120 LB / SQ YD. BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT) ARE REQUIRED BUT WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. THE COST FOR BITUMINOUS MATERIALS AND AGGREGATE SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR INCIDENTAL HOT-MIX ASPHALT SURFACING.

PAVEMENT MARKING SCHEDULE

STATION	STATION	OFFSET	THPL PVT MK LINE 12 78000600 (FOOT)	THPL PVT MK LINE 24 78000650 (FOOT)	PAVT MARKING REMOVAL 78300100 (SQ FT)
14+04	14+33	LT	14	96	
14+20	14+46	RT	12	81	27
19+19	19+46	LT	14	84	
19+32	19+58	RT	13	81	
TOTAL			53	342	27

SEEDING SCHEDULE

STATION	STATION	SEEDING CL 1A SPL 25000920 (ACRE)	NITROGEN FERT NUTR (NOTE1) (POUND)	PHOSPHORUS FERT NUTR (NOTE1) (POUND)	POTASSIUM FERT NUTR (NOTE1) (POUND)	MULCH METHOD 2 (NOTE1) (TON)
10+52	14+18	0.2	18	18	18	0.4
14+50	18+03	0.1	9	9	9	0.2
18+45	21+17	0.1	9	9	9	0.2
TOTAL		0.4	36	36	36	0.8

SEEDING NOTES:

- FERTILIZER AND MULCH QUANTITIES ARE SHOWN FOR INFORMATION ONLY. THE COST FOR FERTILIZER NUTRIENTS AND MULCH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR SEEDING, CLASS 1A (SPECIAL).

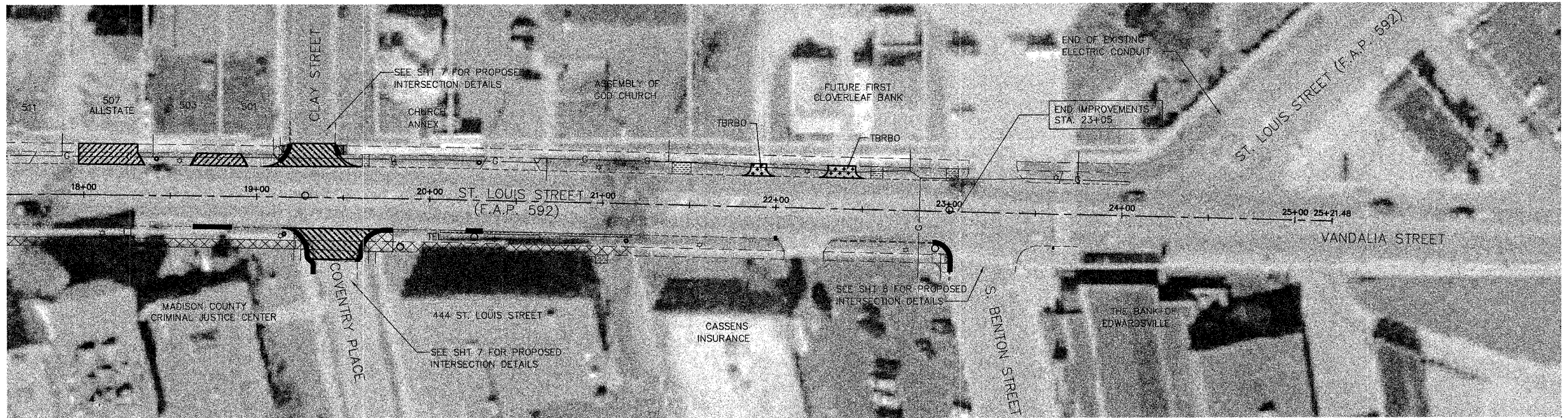
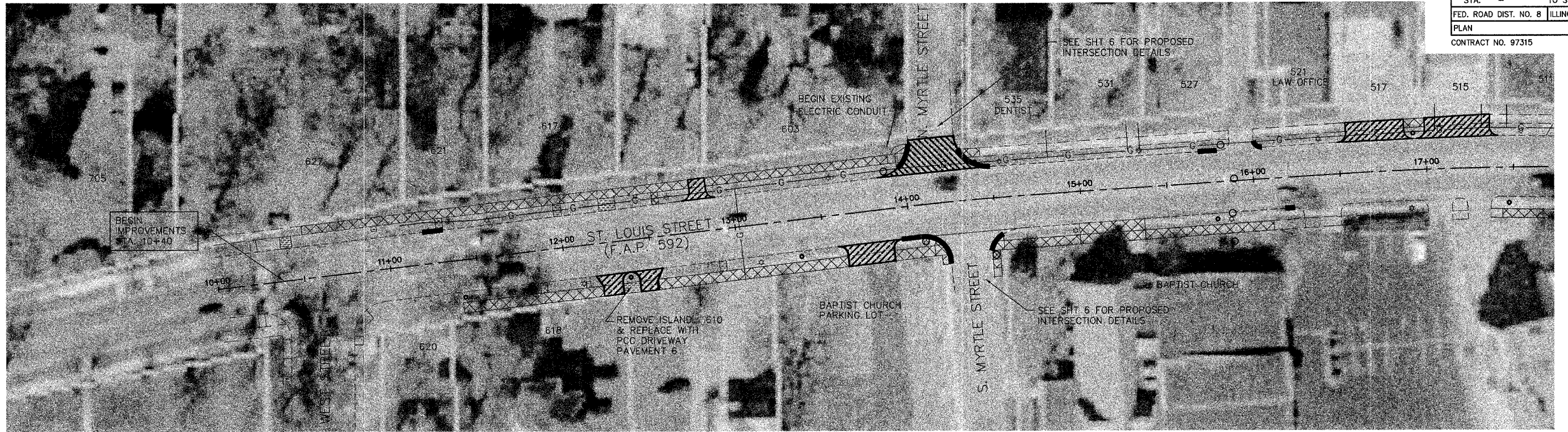
SIDEWALK SCHEDULE

STATION	STATION	OFFSET	PC CONC SIDEWALK 4 42400100 (SQ FT)	PC CONC SIDEWALK 6 (NOTE 1) 42400300 (SQ FT)	DETECTABLE WARNINGS (NOTE 2) 42400800 (SQ FT)	SIDEWALK REM 44000600 (SQ FT)
10+39	14+04	LT	1,851	77	10	1,979
11+39	14+22	RT	1,351	60	12	1,475
14+32	19+19	LT	77	88	24	173
14+47	19+30	RT	1,790	108	20	1,908
19+45	23+05	LT		31	10	227
19+61	21+17	RT	885	118	22	1,281
TOTAL			5,764	482	98	7,043

SIDEWALK NOTES:

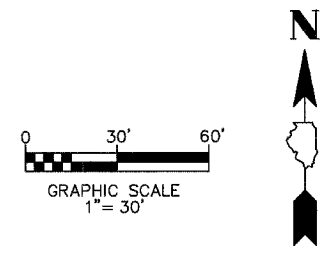
- SEE HIGHWAY STANDARD 424001 FOR SIDEWALK RAMP DETAILS.
- DETECTABLE WARNINGS SHALL BE CONSTRUCTED OF PRECAST CONCRETE AND SHALL BE RED IN COLOR.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	06-00096-00-LS	MADISON	10	4
STA.	TO STA.			
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT		
PLAN				
CONTRACT NO. 97315				



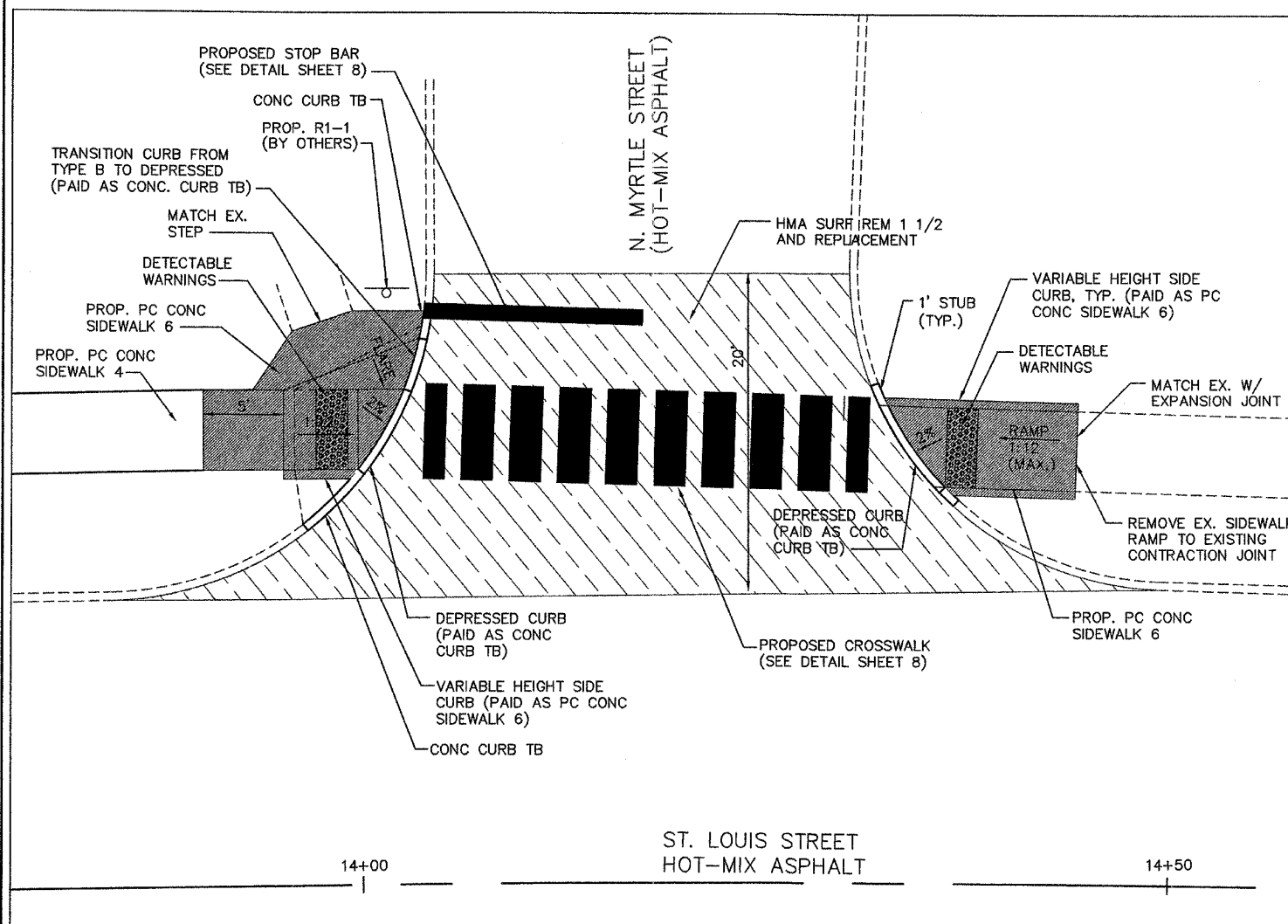
LEGEND

- SIDEWALK REMOVAL & REPLACEMENT
- DRIVEWAY PAVEMENT REMOVAL & REPLACEMENT
- SIDEWALK REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL & REPLACEMENT W/ INCIDENTAL HOT-MIX ASPHALT SURFACING
- DRIVEWAY PAVEMENT REMOVAL
- CONCRETE CURB, TYPE B REMOVAL & REPLACEMENT
- * PROPOSED LIGHT POST (SEE ELECTRICAL PLAN SHTS 9-10)

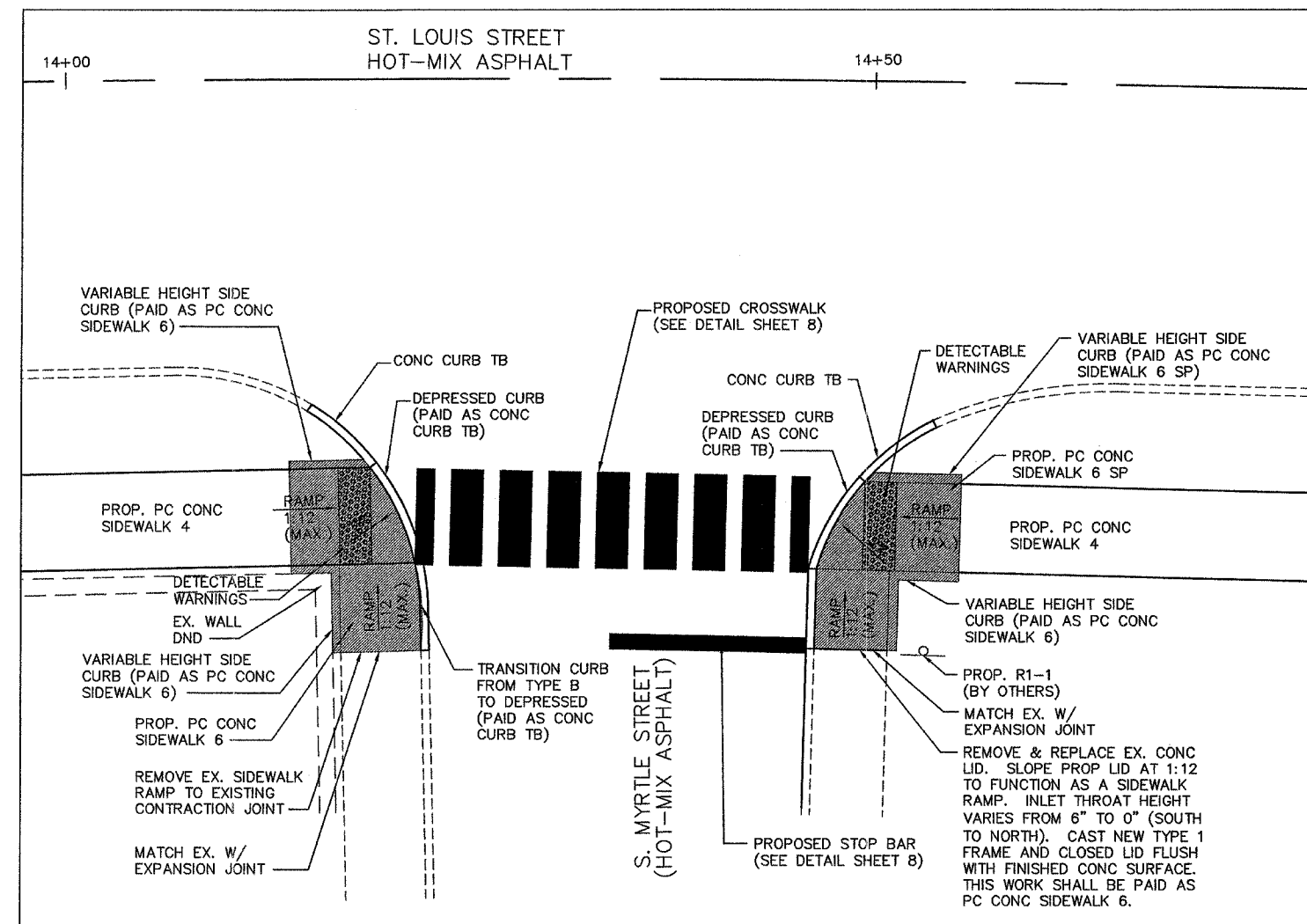


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	06-00096-00-LS	MADISON	10	5
STA.	TO STA.			
FED. ROAD DIST. NO. 8	ILLINOIS	FED. AID PROJECT		
INTERSECTION DETAILS				

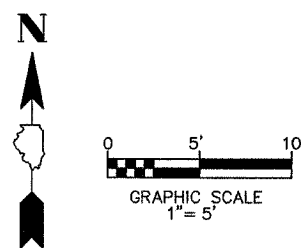
CONTRACT NO. 97315



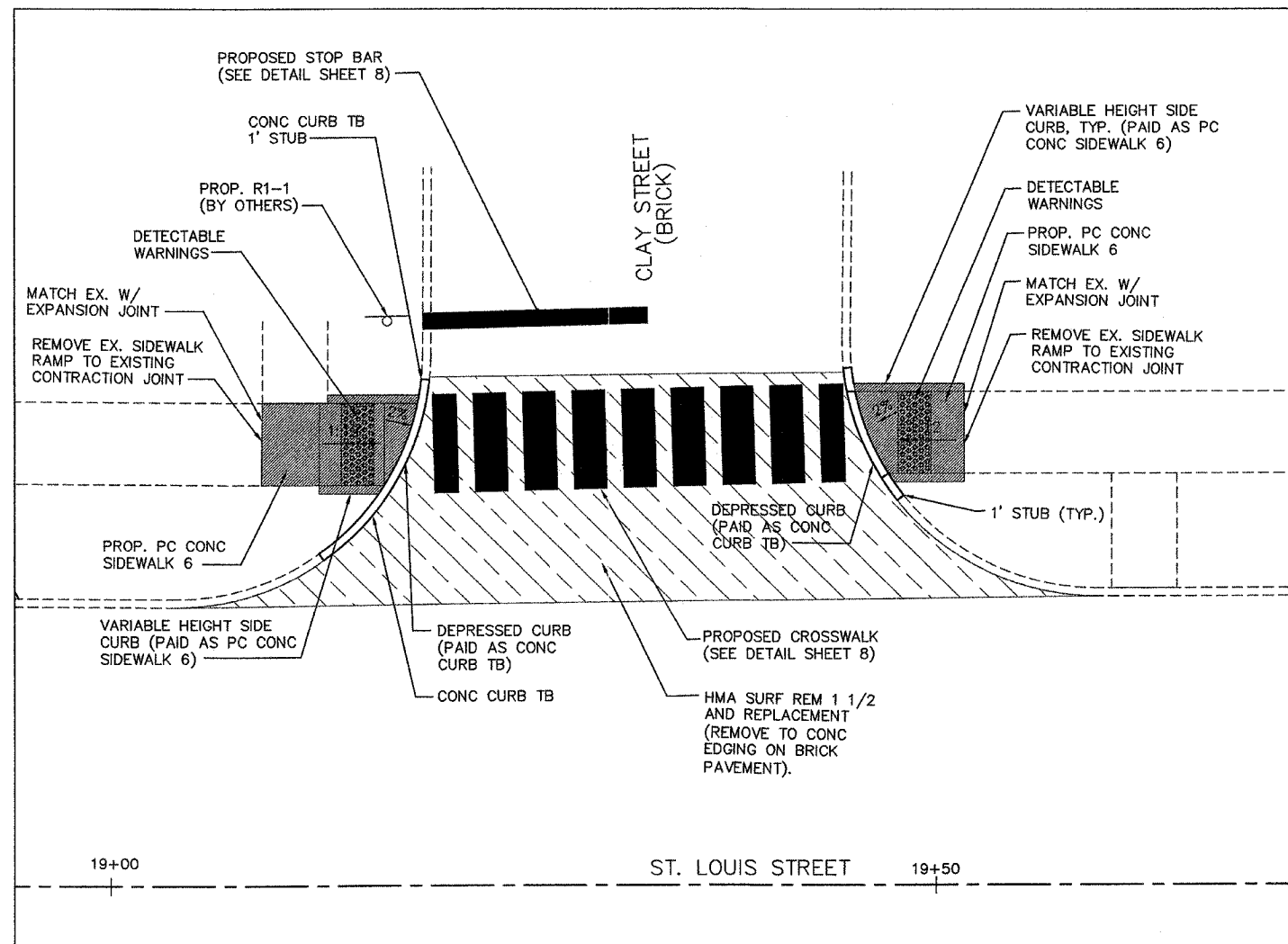
INTERSECTION DETAIL
ST. LOUIS STREET/ N. MYRTLE STREET



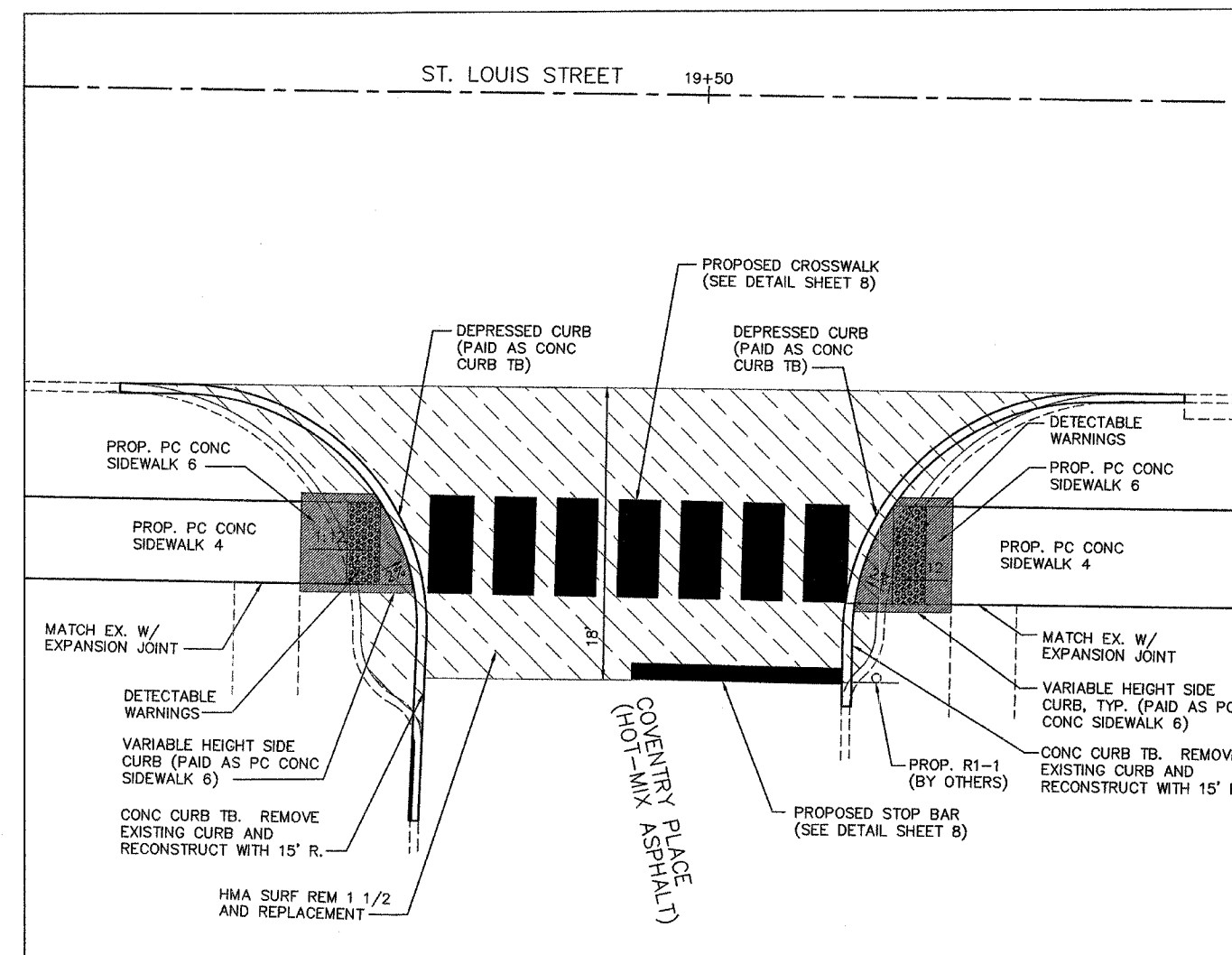
INTERSECTION DETAIL
ST. LOUIS STREET/ S. MYRTLE STREET



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	06-00096-00-LS	MADISON	10	6
STA.	-	TO STA.	-	-
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
INTERSECTION DETAILS				
CONTRACT NO. 97315				



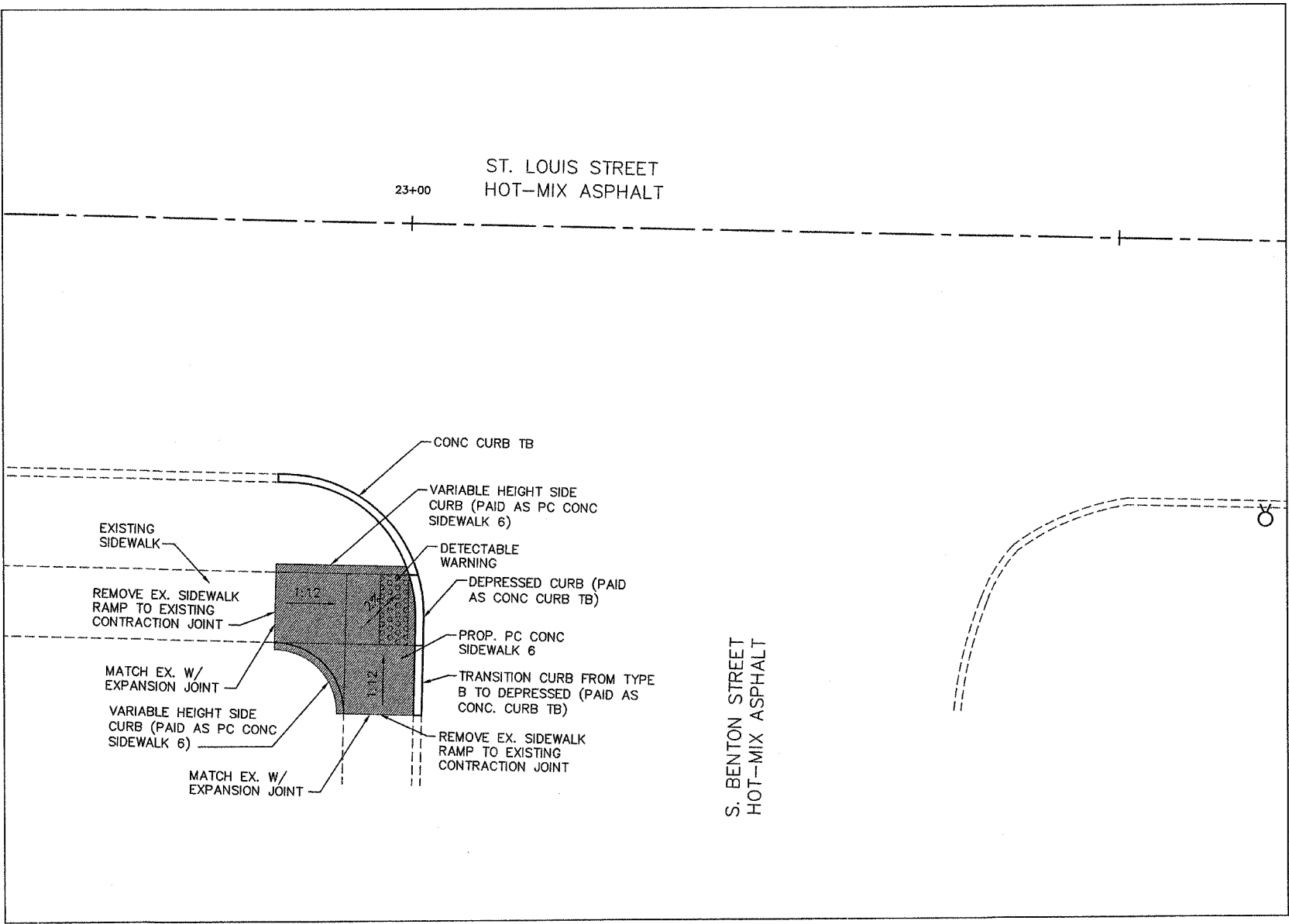
INTERSECTION DETAIL
ST. LOUIS STREET/CLAY STREET



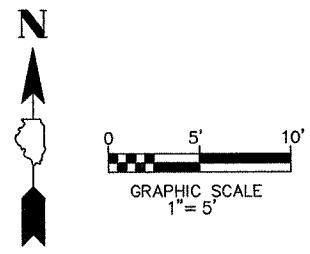
INTERSECTION DETAIL
ST. LOUIS STREET/COVENTRY PLACE



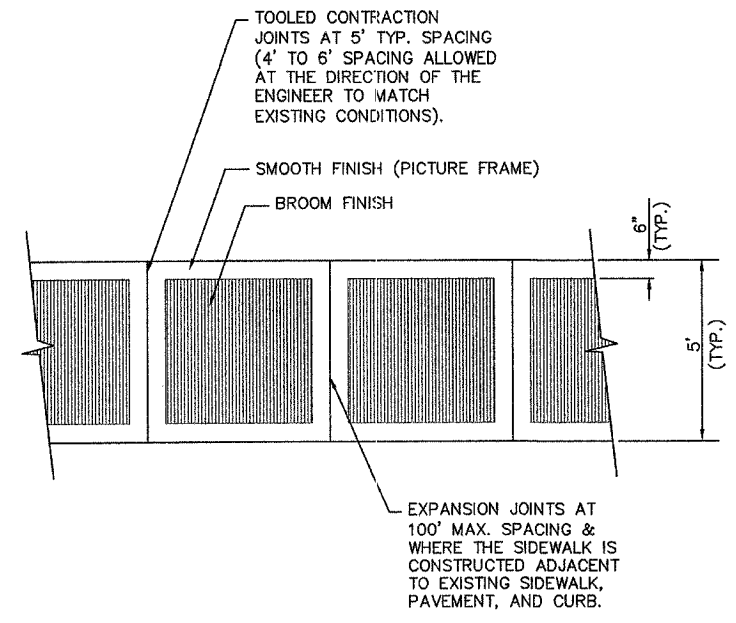
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
582	06-00096-00-LS	MADISON	10	7
STA.	TO STA.			
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
INTERSECTION DETAILS				
CONTRACT NO. 97315				



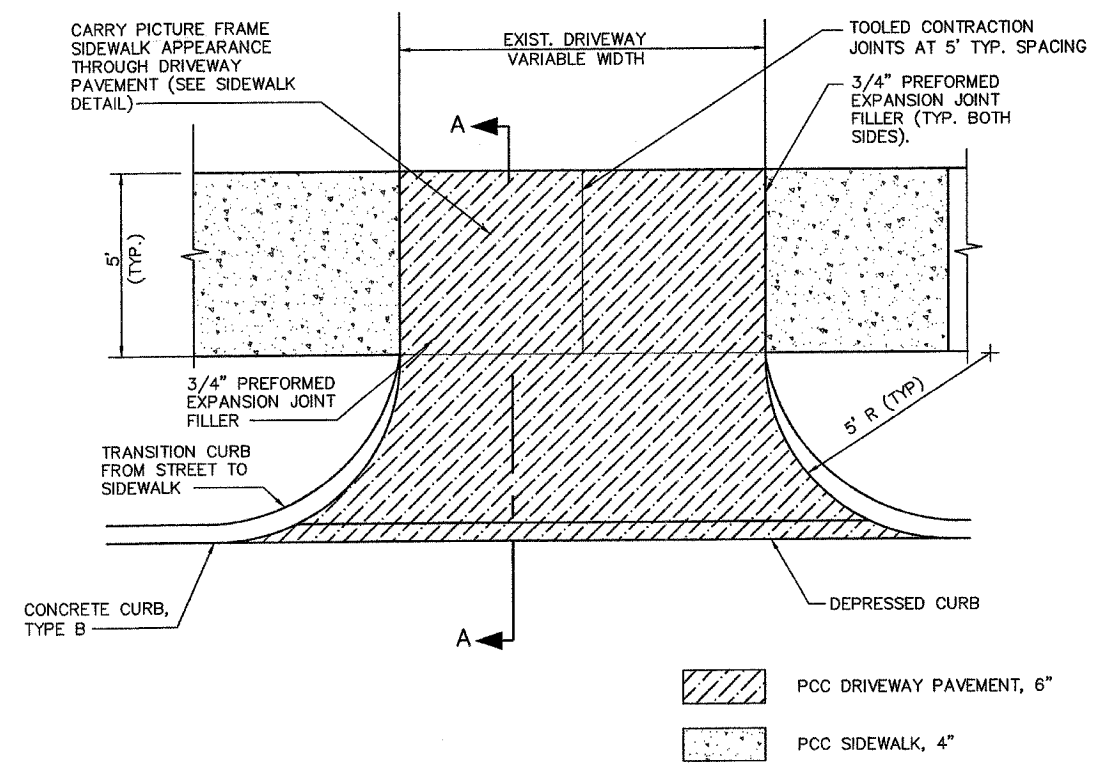
INTERSECTION DETAIL
ST. LOUIS STREET/S. BENTON STREET



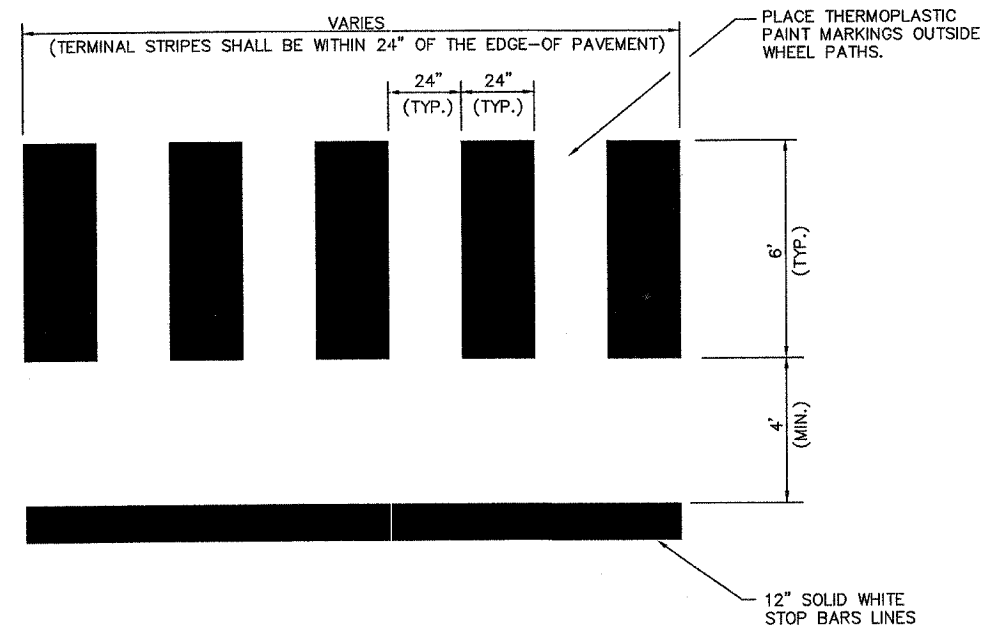
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	06-00096-00-LS	MADISON	10	8
STA.	TO STA.			
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
GENERAL DETAILS				
CONTRACT NO. 97315				



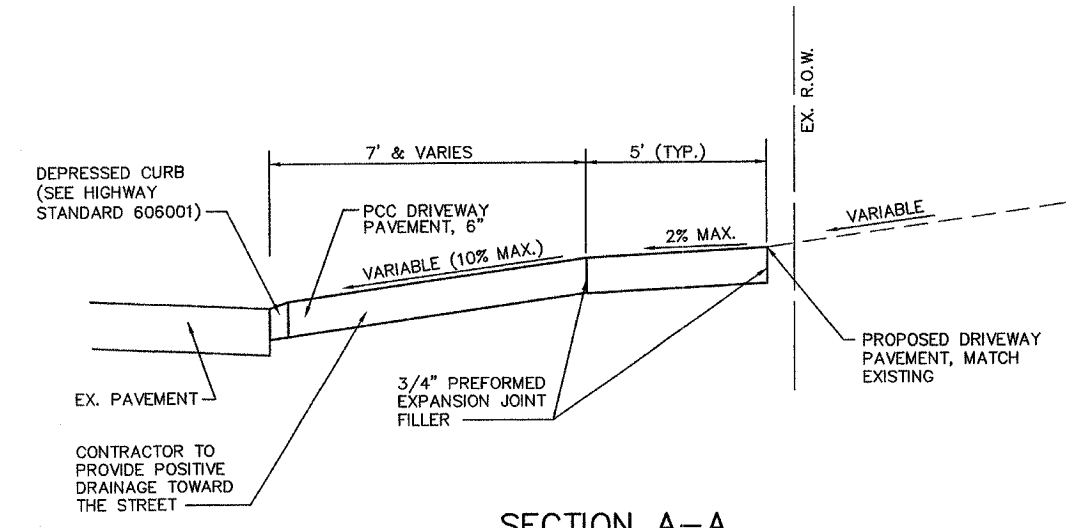
TYPICAL SIDEWALK DETAIL
PLAN VIEW
 (NOT TO SCALE)



TYPICAL ENTRANCE DETAIL
 (NOT TO SCALE)

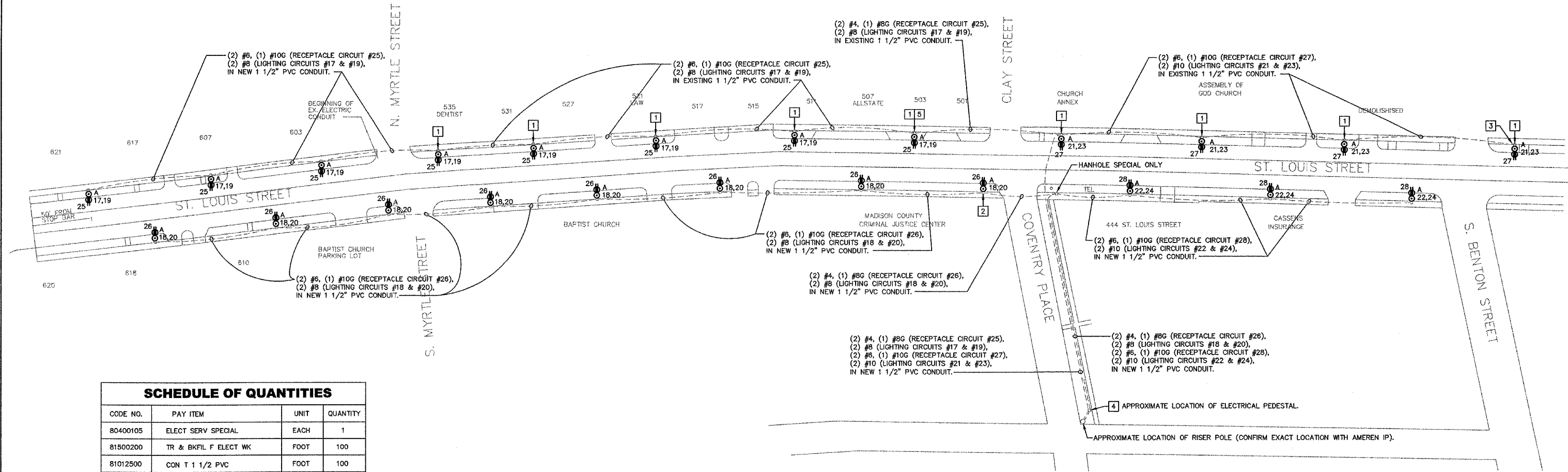


TYPICAL CROSSWALK DETAIL
 (NOT TO SCALE)



SECTION A-A
 (NOT TO SCALE)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	06-00096-00-LS	MADISON	10	9
STA.		TO STA.		
FED. ROAD DIST. NO. 8		ILLINOIS	FED. AID PROJECT	
ELECTRICAL PLAN VIEW				



SCHEDULE OF QUANTITIES			
CODE NO.	PAY ITEM	UNIT	QUANTITY
80400105	ELECT SERV SPECIAL	EACH	1
81500200	TR & BKFIL F ELECT WK	FOOT	100
81012500	CON T 1 1/2 PVC	FOOT	100
81021320	CON P 1 1/2 PVC	FOOT	1900
81702140	EC C XLP USE IC 4	FOOT	1500
81702130	EC C XLP USE IC 6	FOOT	5300
81702120	EC C XLP USE IC 8	FOOT	4800
81702110	EC C XLP USE IC 10	FOOT	5700
81400100	HANDHOLE SPECIAL	EACH	24
XX004618	SINGLE ST LT & POLE	EACH	23
80300100	LOCATE UNDERGR CABLE	FOOT	100

SYMBOL LEGEND

- ⊙ SITE LIGHT FIXTURE (SEE DETAIL #5 ON SHEET 10)
- ⊕ GFI DUPLEX RECEPTACLE IN POLE WITH WEATHERPROOF "IN -USE" COVER.
- HANDHOLE SPECIAL (SEE DETAIL #4 ON SHEET 10)

ELECTRICAL SITE PLAN

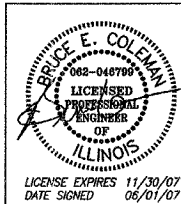
1" = 40'-0"

GENERAL NOTES

1. CONDUIT INSTALLATION SHALL BE BY DIRECTIONAL BORE, UNLESS OTHERWISE INDICATED.
2. INSTALL SYSTEMS MATERIALS, AND EQUIPMENT LEVEL AND PLUMB, PARALLEL AND PERPENDICULAR TO OTHER BUILDING SYSTEMS AND COMPONENTS, WHERE INSTALLED EXPOSED IN FINISHED SPACES.
3. INSTALL ELECTRICAL EQUIPMENT TO FACILITATE SERVICING, MAINTENANCE, AND REPAIR OR REPLACEMENT OF EQUIPMENT COMPONENTS. AS MUCH AS PRACTICAL, CONNECT EQUIPMENT FOR EASE OF DISCONNECTING, WITH MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS.
4. COORDINATE WORK WITH OTHER CONTRACTORS SO THAT INTERFERENCE BETWEEN PIPING, EQUIPMENT, STRUCTURAL AND ELECTRICAL WORK WILL BE AVOIDED.
5. WHEN INTERFERENCE DEVELOPS, ENGINEER WILL DECIDE WHICH EQUIPMENT WILL BE RELOCATED; REGARDLESS OF WHICH APPARATUS WAS INSTALLED FIRST.
6. HAND DIG AROUND ALL EXISTING UTILITIES.
7. PROVIDE SUITABLE PULL STRING IN EACH EMPTY DUCT EXCEPT SLEEVES AND NIPPLES. UTILIZE PULLING "MULE" TAPE FOR PULLING NEW CONDUCTORS INTO THE CONDUIT. PULL TAPE SHALL BE RATED FOR A MINIMUM OF 3,000 LBS AND CONSTRUCTED OF WOVEN POLYESTER OR KEVLAR CONSTRUCTION. PROVIDE TAPE WITH FOOT MARKINGS.
8. SPLICE CONDUCTORS ONLY IN ACCESSIBLE JUNCTION BOXES AND HANDHOLES.
9. BOND ALL RACEWAYS, CABINET ENCLOSURES AND NON-CURRENT CARRYING PARTS OF EQUIPMENT TO GROUNDING SYSTEM. BOND RACEWAYS SUCH THAT A CONTINUOUS PATH FOR CURRENT FLOW IS MAINTAINED.
10. PERFORM WORK IN ACCORDANCE WITH AMEREN-IP WRITTEN REQUIREMENTS. COORDINATE ALL WORK WITH UTILITY COMPANY.

KEYED NOTES

- 1 SET HANDHOLE, SPECIAL, OVER EXISTING CONDUIT. EXTEND CONDUIT UP INTO HANDHOLE, SPECIAL. COST FOR CUTTING/MODIFYING EXISTING CONDUIT IS INCLUDED IN THE UNIT COST FOR HANDHOLE, SPECIAL.
- 2 SPLICE (2) #4 TO (2) #6 AT THIS POINT FOR CONTINUATION OF RECEPTACLE CIRCUIT #26.
- 3 CAP END OF SPARE CONDUIT.
- 4 MILBANK CP3B5110A22AGSL1 COMMERCIAL PEDESTAL (OR APPROVED EQUAL), 120/240V, 1ø, 3W, METERED, ALUMINUM ENCLOSURE PAINTED MINT GREEN.
- 5 SPLICE (2) #4 TO (2) #6 AT THIS POINT FOR CONTINUATION OF RECEPTACLE CIRCUIT #25.



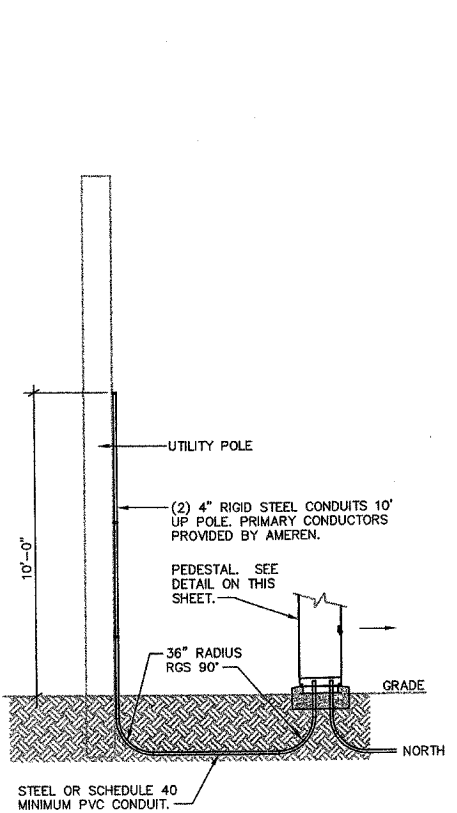
BRiC
PARTNERSHIP, LLC
CONSULTING ENGINEERS

100 EAST WASHINGTON, SUITE 220
BELLEVILLE, IL 62220
TEL 618.277.5200
FAX 618.277.5227

BRIC #624-24

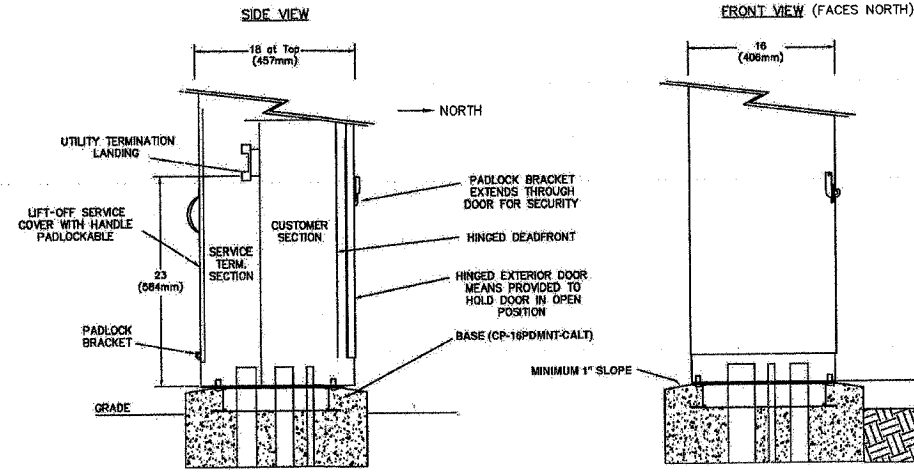
ILLINOIS DEPARTMENT OF TRANSPORTATION
ELECTRICAL PLAN VIEW

F.A.P. ROUTE 592
SECTION 06-00096-00-LS
MADISON COUNTY

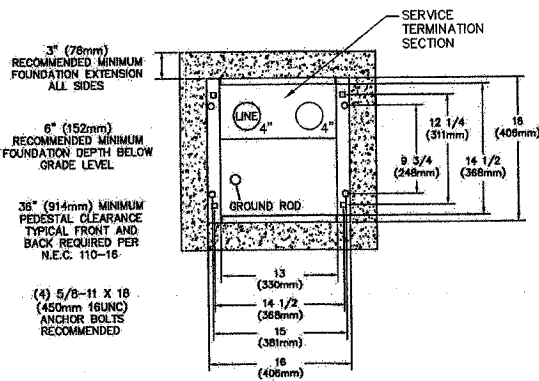


1 ELECTRICAL SERVICE SPECIAL
NO SCALE

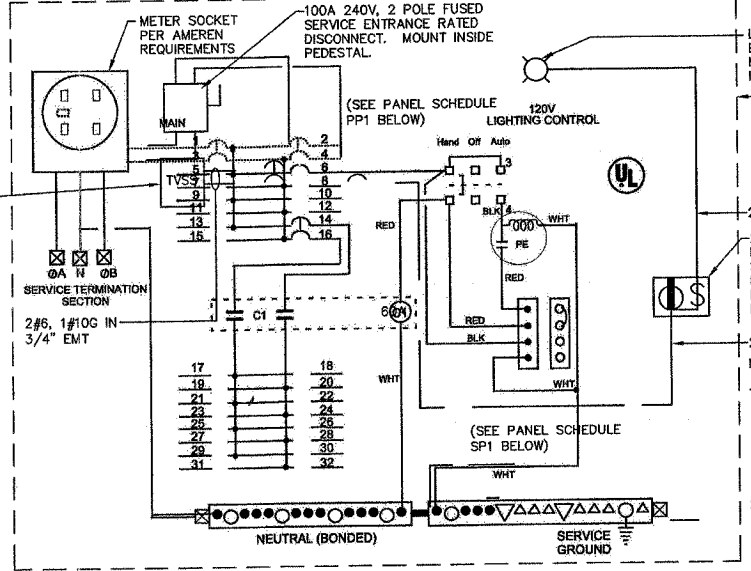
(PER AMEREN IP ELECTRIC DISTRIBUTION STANDARD FORM 305-69)



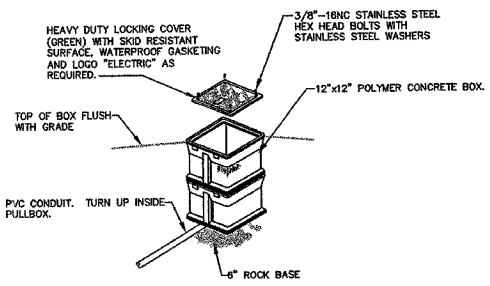
2 PEDESTAL DETAIL
NO SCALE



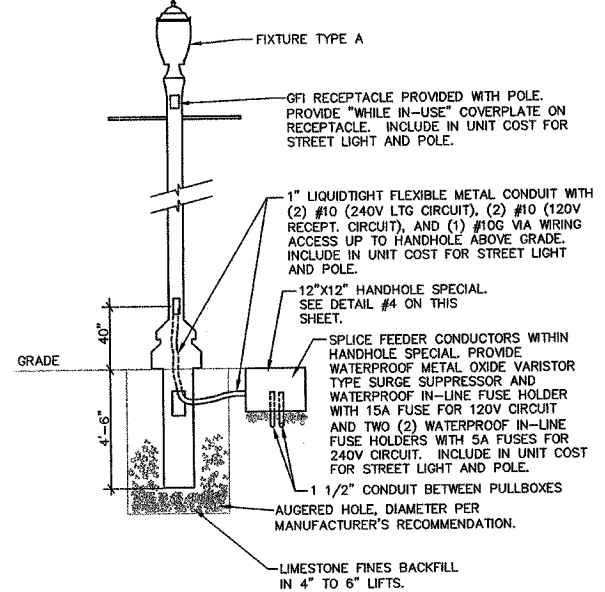
CP-16PDMNT-CALT
Pedestal mounting base
includes stainless steel hardware



3 WIRING DIAGRAM
NO SCALE



4 HANDHOLE SPECIAL DETAIL
NO SCALE

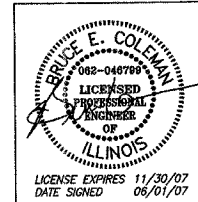


5 FIXTURE TYPE A POLE INSTALLATION DETAIL
NO SCALE

PANEL NO: PP1								22000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA	
	SPACE		1	A	2		SPACE		
	SPACE		3	B	4		SPACE		
	TVSS	60A/2P	5	A	6	20A/1P	CONTROL CIRCUIT	50	
			7	B	8	20A/1P	PEDESTAL RECEPT/LT	280	
	SPACE		9	A	10		SPACE		
	SPACE		11	B	12		SPACE		
	SPACE		13	A	14	80A/2P	PANEL SP1	5117	
	SPACE		15	B	16		SPACE	3497	
PHASE		A	B		TOTALS		VOLTS: 120/240V, 1Ø, 3W		
VOLTAMPS		5167	3777		8944				
MAINS: 100 AMP MLO		POLES: 16 POSITIONS		MOUNTING: INSIDE PEDESTAL					

PANEL NO: SP1 (SWITCHED PORTION OF PANEL)								22000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA	
778	STREET LIGHTS - NORTH SIDE OF ST. LOUIS STREET	20A/2P	17	A	18	20A/2P	STREET LIGHTS - SOUTH SIDE OF ST. LOUIS STREET	778	
778			19	B	20			778	
389	STREET LIGHTS - NORTH SIDE OF ST. LOUIS STREET	20A/2P	21	A	22	20A/2P	STREET LIGHTS - SOUTH SIDE OF ST. LOUIS STREET	292	
389			23	B	24			292	
1440	RECEPTACLES	20A/1P	25	A	26	20A/1P	RECEPTACLES	1440	
720	RECEPTACLES	20A/1P	27	B	28	20A/1P	RECEPTACLES	540	
	SPACE		29	A	30		SPACE		
	SPACE		31	B	32		SPACE		
PHASE		A	B		TOTALS		VOLTS: 120/240V, 1Ø, 3W		
VOLTAMPS		5117	3497		8614				
		POLES: 16 POSITIONS		MOUNTING: INSIDE PEDESTAL					

LIGHT FIXTURE SCHEDULE						
TYPE	OPT.	MANUFACTURER & CATALOG No.	VOLTAGE	LAMPS	MOUNTING	DESCRIPTION & REMARKS
A	1	KING K124-LAR-III-175(MOG)-MH-240(MT)-K5/K9-WRS WITH STRESSCRETE KT14-G-E11-S/F K5 C/W BA DR POLE OR APPROVED EQUAL	240	(1) 175W MH	POLE	CITY OF EDWARDSVILLE STANDARD POST TOP FIXTURE WITH DIRECT BURY CONCRETE POLE. SEE DETAIL #5 ON THIS SHEET FOR INSTALLATION. PROVIDE "IN-USE" WP RECEPTACLE COVER.



BRiC
PARTNERSHIP, LLC
CONSULTING ENGINEERS

100 EAST WASHINGTON, SUITE 220
BELLEVILLE, IL 62220
TEL 618.277.5200
FAX 618.277.5227

BRIC #624-24

ILLINOIS DEPARTMENT OF TRANSPORTATION
ELECTRICAL DETAILS
F.A.P. ROUTE 592
SECTION 06-00096-00-LS
MADISON COUNTY